

L Number	Hits	Search Text	DB	Time stamp
1	0	(257/678 or 257/688 or 257/689 or 257/690) and (electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:04
2	12	(257/678 or 257/688 or 257/689 or 257/690) and ((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 19:51
3	13	(257/678 or 257/688 or 257/689 or 257/690) and ((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 19:53
4	16	(257/80 or 257/81 or 257/82 or 257/83) and ((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 19:55
5	9	(257/84 or 257/85 or 257/86 or 257/87 or 257/88) and ((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 19:57
6	15	(257/91 or 257/99 or 257/100 or 257/290 or 257/431) and ((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 19:59
7	9	(257/433 or 257/448 or 257/457 or 257/459) and ((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:01
8	8	(257/696 or 257/700 or 257/414 or 257/415) and ((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:01
9	0	(257/696 or 257/700 or 257/414 or 257/415) and (electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:02
10	0	(257/433 or 257/448 or 257/457 or 257/459) and (electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:03

11	1	(257/91 or 257/99 or 257/100 or 257/290 or 257/431) and (electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:03
12	0	(257/84 or 257/85 or 257/86 or 257/87 or 257/88) and (electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:04
13	0	(257/80 or 257/81 or 257/82 or 257/83) and (electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 20:04
-	248870	(semiconductor or die or chip or IC) and (LED or laser or light near emit\$4 or sensor or detector)	USPAT	2004/05/04 14:47
-	39883	(semiconductor or die or chip or IC) and (LED or laser or light near emit\$4 or light near source) same (sensor or detector)	USPAT	2004/05/04 14:48
-	1138	(semiconductor or die or chip or IC) and (LED or laser or light near emit\$4 or light near source) same (sensor or detector) with (spring or microspring or micro-spring or wir\$3)	USPAT	2004/05/04 19:47
-	205	(semiconductor or die or chip or IC) and (LED or laser or light near emit\$4 or light near source) same (sensor or detector) with (spring or microspring or micro-spring)	USPAT	2004/05/05 16:24
-	264	(257/414 or 257/415) and (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 17:37
-	25058	(LED or laser or light near (emit\$4 or emission) or light near source) same (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 17:38
-	9561	(LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:22
-	684	(LED or laser or light near (emit\$4 or emission) or light near source) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:00

-	88	(electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (sensor or detector) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:08
-	261	(electroluminescen\$2 or electro-luminescen\$2 or photo near (detec\$4 or receiv\$3 or voltaic or electric\$4) or photo-detect\$4 or photo-receiv\$3 or photo-voltaic or photo-electric\$4 or opto near electri\$6 or opto-electric\$6) with (spring or microspring or micro-spring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:08
-	134	((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring)) and 257/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:28
-	50	((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring)) and 257/\$.ccls. and (sens\$3 or detect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:31
-	17	((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring)) and 438/\$.ccls. and (sens\$3 or detect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:33
-	27	((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring)) and 361/\$.ccls. and (sens\$3 or detect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:35
-	7	((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring)) and 174/\$.ccls. and (sens\$3 or detect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:35
-	49	((LED or laser or light near (emit\$4 or emission) or light near source) with (spring or microspring or micro-spring)) and 29/\$.ccls. and (sens\$3 or detect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 18:36